



# SPEC® CINT2006 Result

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## Dell Inc.

PowerEdge 1950 (Intel Xeon processor 5110, 1.60GHz)

### SPECint®\_rate2006 = Not Run

### SPECint\_rate\_base2006 = 34.3

CPU2006 license: 55

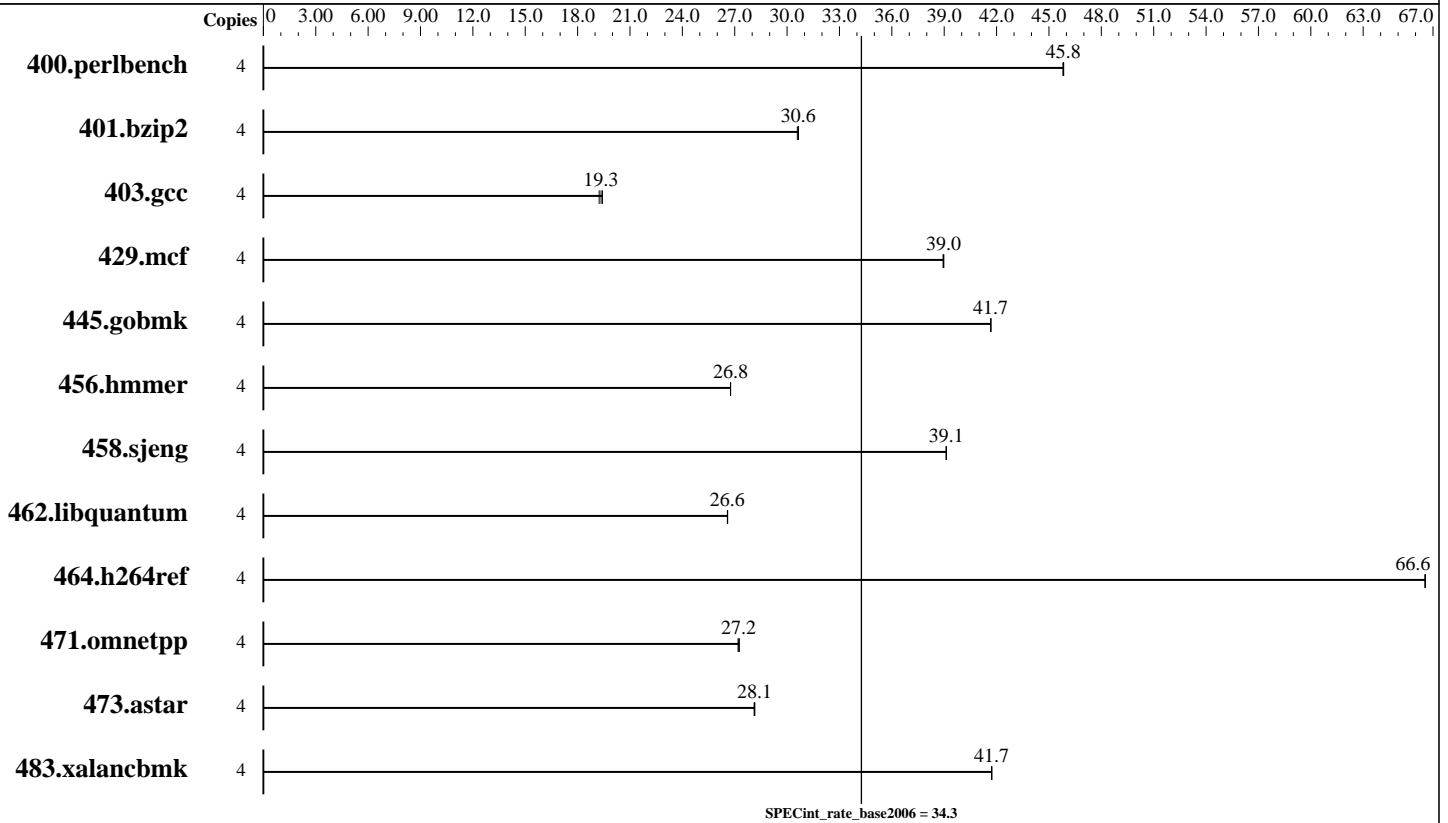
Test sponsor: Dell Inc.

Tested by: Dell Inc.

Test date: Mar-2007

Hardware Availability: Jul-2006

Software Availability: Nov-2006



### Hardware

CPU Name: Intel Xeon 5110  
 CPU Characteristics: 1066 MHz Bus Speed  
 CPU MHz: 1600  
 FPU: Integrated  
 CPU(s) enabled: 4 cores, 2 chips, 2 cores/chip  
 CPU(s) orderable: 1,2 chips  
 Primary Cache: 32 KB I + 32 KB D on chip per core  
 Secondary Cache: 4 MB I+D on chip per chip  
 L3 Cache: None  
 Other Cache: None  
 Memory: 16 GB (8 x 2 GB 667MHz CL5 DDR2 FB-DIMM SDRAM)  
 Disk Subsystem: 1 x 73 GB SAS 15k RPM  
 Other Hardware: None

### Software

Operating System: Microsoft Windows Server 2003 Enterprise x64 Edition + SP1 (64-bit)  
 Compiler: Intel C++ Compiler 9.1 for IA32 (20061103Z) Microsoft Visual Studio 2005  
 Auto Parallel: No  
 File System: NTFS  
 System State: Default  
 Base Pointers: 32-bit  
 Peak Pointers: Not Applicable  
 Other Software: MicroQuill SmartHeap Library 8.0



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## Results Table

Benchmark	Base							Peak						
	Copies	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Copies	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio
400.perlbench	4	852	45.8	853	45.8	<b>853</b>	<b>45.8</b>							
401.bzip2	4	<b>1260</b>	<b>30.6</b>	1262	30.6	1259	30.7							
403.gcc	4	1674	19.2	<b>1665</b>	<b>19.3</b>	1658	19.4							
429.mcf	4	937	38.9	<b>936</b>	<b>39.0</b>	936	39.0							
445.gobmk	4	1007	41.7	<b>1007</b>	<b>41.7</b>	1007	41.7							
456.hammer	4	<b>1395</b>	<b>26.8</b>	1395	26.8	1394	26.8							
458.sjeng	4	1237	39.1	1237	39.1	<b>1237</b>	<b>39.1</b>							
462.libquantum	4	<b>3117</b>	<b>26.6</b>	3118	26.6	3116	26.6							
464.h264ref	4	1330	66.6	<b>1330</b>	<b>66.6</b>	1330	66.5							
471.omnetpp	4	<b>918</b>	<b>27.2</b>	917	27.3	919	27.2							
473.astar	4	999	28.1	<b>998</b>	<b>28.1</b>	998	28.2							
483.xalancbmk	4	662	41.7	<b>662</b>	<b>41.7</b>	661	41.7							

Results appear in the order in which they were run. Bold underlined text indicates a median measurement.

## Platform Notes

Snoop Filter enabled in BIOS

## General Notes

32-bit binaries were built on Windows XP Professional x64 Edition

## Base Compiler Invocation

C benchmarks:  
icl -Qc99

C++ benchmarks:  
icl

## Base Portability Flags

403.gcc: -DSPEC\_CPU\_WIN32  
464.h264ref: -DSPEC\_CPU\_NO\_INTTYPES -DWIN32  
483.xalancbmk: -Qoption, cpp, --no\_wchar\_t\_keyword



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## Base Optimization Flags

C benchmarks:

`-fast /F512000000 shlW32M.lib -link /FORCE:MULTIPLE`

C++ benchmarks:

`-fast -Qcxx_features /F512000000 shlW32M.lib  
-link /FORCE:MULTIPLE`

## Base Other Flags

C benchmarks:

`403.gcc: -Dalloca=_alloca`

The flags file that was used to format this result can be browsed at

<http://www.spec.org/cpu2006/flags/dell.cpu2006.ic91.flags.html>

You can also download the XML flags source by saving the following link:

<http://www.spec.org/cpu2006/flags/dell.cpu2006.ic91.flags.xml>

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For questions about this result, please contact the tester.  
For other inquiries, please contact [webmaster@spec.org](mailto:webmaster@spec.org).

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